

Converting Colors

HunterLab(38.2316, 21.1883,
20.3847)

Have a look what the booklet for
HunterLab(38.2316, 21.1883,
20.3847) contains.

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Color

**HunterLab(38.2316, 21.1883,
20.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	A3562B
RGB	163, 86, 43
RGB Percent	64%, 34%, 17%
CMY	0.3608, 0.6627, 0.8314
CMYK	0.00, 0.47, 0.74, 0.36
HSL	22°, 58%, 40%
HSV	22°, 74%, 64%
XYZ	18.8681, 14.6166, 4.1123
YIQ	104.1210, 59.6950, 2.9510

Conversions

Conversions Part 2

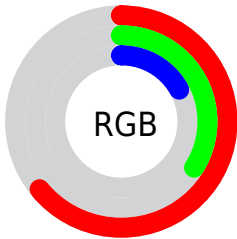
Format	Color
R _Y B	163, 110, 43
Decimal	10704427
CIE Lab	45.11, 28.29, 38.25
CIE LCh	45, 47.576, 53.512
Yxy	14.6173, 0.5018, 0.3888
Android (android.graphics.Color)	4288894507 (0xFFA3562B)
YUV	104.1210, -30.1327, 51.6369
Hunter-Lab	38.2316, 21.1883, 20.3847

Details

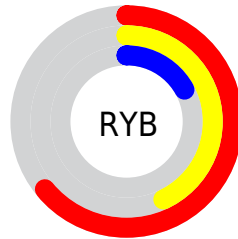
The HunterLab color **38.2316, 21.1883, 20.3847** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **40.7306, -8.5084, -25.4898**, and the grayscale version is **37.3476, -1.9928, 2.0292**.

A 20% lighter version of the original color is **58.4605, 22.7537, 26.3834**, and **21.0960, 19.2397, 13.3361** is the 20% darker color. If you saturate the color by 10%, you get **36.0151, 25.4520, 20.9606**, and if you desaturate by 10%, it is **40.6891, 17.0886, 19.2825**.

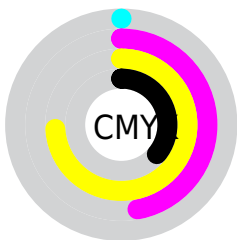
Distribution



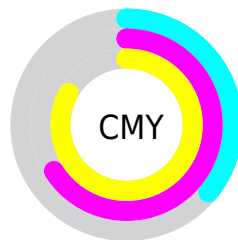
- Red (64%)
- Green (34%)
- Blue (17%)



- Red (64%)
- Yellow (43%)
- Blue (17%)



- Cyan (0%)
- Magenta (47%)
- Yellow (74%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2316, 21.1883, 20.3847 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 38.2316, 21.1883, 20.3847 by changing the saturation by 10% instead.

38.2316, 21.1883,
20.3847

38.2316, 21.1883,
20.3847

148.6735, 26.3770,
44.4644

29.2425, 20.1138,
17.0487

58.4641, 22.9599,
26.4547

21.0942, 18.9001,
13.7766

69.6034, 23.6879,
29.2697

13.8858, 17.5397,
9.7200

81.3721, 24.3238,
31.9767

7.5181, 17.4688,
5.2627

93.7382, 24.8763,
34.5959

0.0000, INF, NaN

0.0000, NaN, NaN

106.6741, 25.3522,
37.1431

0.0000, NaN, NaN

120.1558, 25.7577,

0.0000, NaN, NaN

39.6307

0.0000, NaN, NaN

134.1619, 26.0978,
42.0684

■ 38.2316, 21.1883,
20.3847

■ 38.2316, 21.1883,
20.3847

■ 36.0151, 25.4520,
20.9606

■ 40.6891, 17.0886,
19.2825

■ 34.0588, 29.7893,
20.9883

■ 43.3612, 13.2190,
17.7003

■ 32.9463, 32.4885,
20.8701

■ 46.2266, 9.6049,
15.6952

■ 49.2645, 6.2532,
13.3239

■ 52.4566, 3.1574,
10.6377

■ 55.7867, 0.3031,
7.6814

■ 59.2406, -2.3281,
4.4929

■ 62.8063, -4.7560,
1.1036

■ 66.4733, -7.0001,
-2.4602

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.2326, 35.8235, 13.1619



38.2316, 21.1883, 20.3847



38.2326, 2.0113, 22.6270

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.2326, 21.1857, 20.3852



38.2326, -31.0740, 5.6698



38.2326, 13.0158, -43.0294

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.2316, 21.1883, 20.3847



40.7306, -8.5084, -25.4898

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.2326, -5.9332, -48.2789



38.2316, 21.1883, 20.3847



38.2326, -29.2300, -13.8062

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.2326, 21.1857, 20.3852



38.2326, -26.3969, 17.1033



38.2326, -20.7794, -35.7437



38.2326, 30.5210, -23.6200

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.2316, 21.1883, 20.3847



38.2326, -9.9132, 22.4070



38.2326, -20.7794, -35.7437



38.2326, 6.5224, -46.7957

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.2326, 21.1857, 20.3852



70.7306, 3.7462, 13.7752



33.0073, 47.2548, -11.3269



32.9907, 2.2581, 6.9870



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.2326, 21.1857, 20.3852



46.5795, 37.5514, 28.1600



53.1147, -6.6974, 30.0604



27.3534, -0.4146, 3.0186



29.1814, 28.2738, 18.4764



5.1577, 1.9133, 3.2117

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.7306, -8.5084, -25.4898



50.1683, -8.2342, -42.5699



25.4864, 20.3652, -64.5470



27.5357, -2.4108, -0.0918



31.5114, -3.7378, -31.3177



5.4135, -1.7943, -2.8930

Previews

White Background



This preview shows how the HunterLab color 38.2316, 21.1883, 20.3847 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 38.2316, 21.1883, 20.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 38.2316, 21.1883, 20.3847 Background



This preview shows how black text looks on a background with the HunterLab color 38.2316, 21.1883, 20.3847.



This preview shows how white text looks on a background with the HunterLab color 38.2316, 21.1883,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38.2316, 21.1883, 20.3847

Protanopia

38.2872, -4.4375, 19.0150

Deuteranopia

38.3635, 2.4200, 20.7153



Tritanopia

38.1737, 27.5566, 10.0003

Trichromacy



Original Color

38.2316, 21.1883, 20.3847

Protanomaly

37.7886, 4.5668, 19.1456

Deuteranomaly

38.1296, 9.3128, 20.5368

Tritanomaly

38.1234, 24.7754, 14.6542

Monochromacy



Original Color

38.2316, 21.1883, 20.3847

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.7676, 4.8628, 9.8686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2316, 21.1883, 20.3847 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(163, 86, 43)` looks like.

```
.text, #text, p{  
    color:rgb(163, 86, 43)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(163, 86, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 86, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2316, 21.1883, 20.3847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 86, 43) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(163, 86, 43) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(163, 86, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 86, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 86, 43);  
box-shadow:4px 4px 4px 4px rgb(163, 86,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2316, 21.1883, 20.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 86, 43) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(163, 86,  
43) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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